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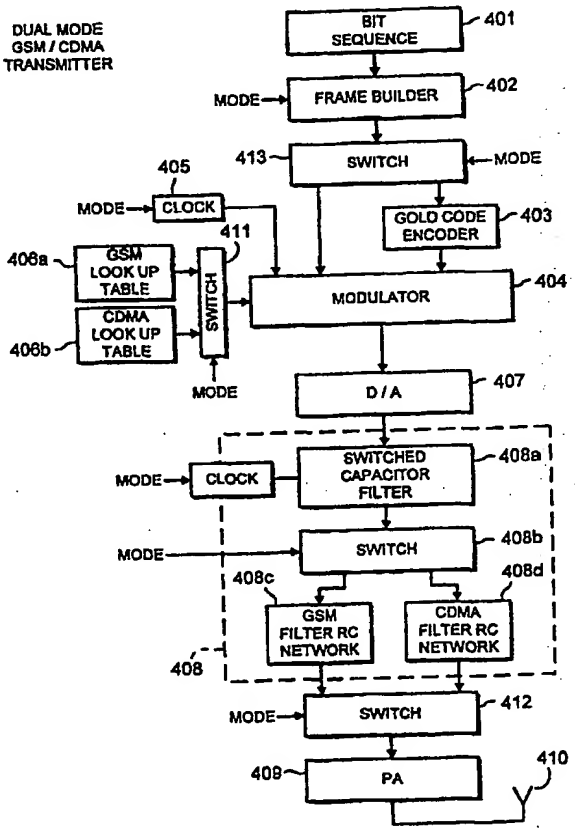
(54) Title: PULSE SHAPING ACCORDING TO MODULATION SCHEME

(57) Abstract

A method is provided for defining a pulse function shape for acting on a data stream for transmission in a telecommunication system in accordance with a predetermined modulation scheme. The method comprises defining desired cost parameters (e.g. error functions for amplitude, BER, bandwidth, energy, AFC) and defining the shape of the pulse function in dependence of the desired cost parameters. A pulse generator, modulator and communications device using such a defined device are also provided. Application in dual mode TDMA/CDMA system.



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